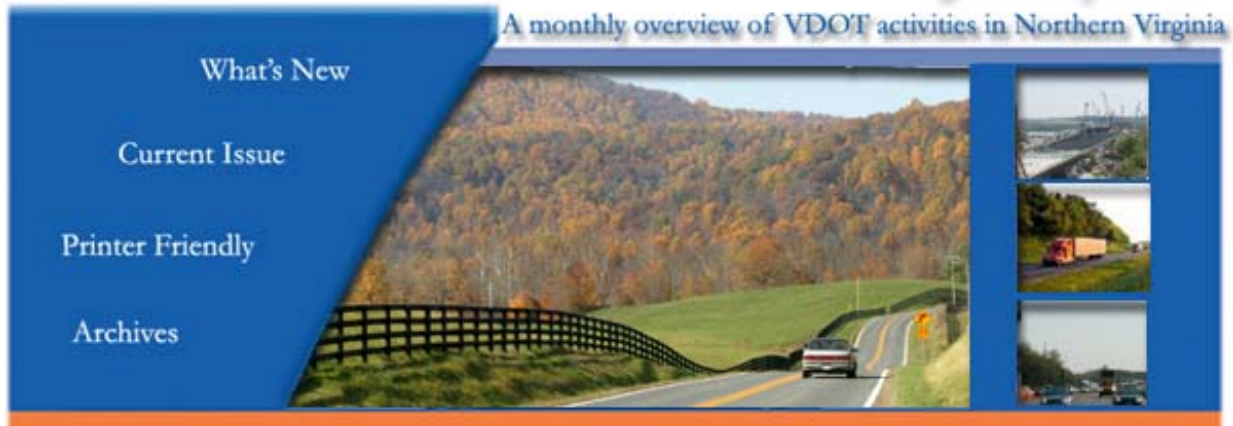


Nuts and Bolts

January 2006



Dear Colleague:

This week we open the new connection from I-95 North to the Outer Loop of the Beltway, untangling a major chokepoint at the Mixing Bowl. The \$24 million flyover bridge is 80 feet high, three-quarters of a mile long, and has extra-wide shoulders on either side of two 12-foot travel lanes. Overhead signs, beginning a mile in advance of the new bridge will direct I-95 motorists heading north towards Baltimore into the left lanes of I-95. The entrance to the new bridge is located about a half-mile prior to the exit motorists currently use.



VDOT is on track to deliver the final phase of the Mixing Bowl by mid-2007 as scheduled. Last summer, Archer Western Contractors, the contractor for the final two phases of the project, failed to meet certain project milestones. Working closely with VDOT, Archer Western committed to a recovery schedule with revised completion dates that would put the project back on schedule by June 2006.

This summer, the four-lane flyover bridge connecting I-95 North to the Inner Loop toward Tysons will open. In fall 2006, a major and final improvement occurs with the opening of a new bridge connecting I-495 South to I-95 South.

The entire project is now approximately 85 percent complete; with the final two phases more than 50 percent complete. The project is within its \$700 million budget. Maps and details of the bridge opening are available at www.springfieldinterchange.com.

I am happy to announce that Valerie Pardo has been named VDOT's Multimodal Liaison, a position I established to advocate for multimodal mobility and intermodal connectivity in Northern Virginia and the National Capital Region. Ms. Pardo will be responsible for promoting transportation networks that connect all transportation modes – highways, bus, rail, airports, pedestrian, and bicycle facilities. She will coordinate with VDOT and Rail and Transportation staff, local elected officials, agency staff, transit providers, regional boards and committees, and citizen groups.

During her 15 years in Transportation Planning, Ms Pardo has focused on developing, implementing, and monitoring congestion management for the Springfield Interchange Improvement Project and the I-66 Widening as well as Transportation Demand Management policies and practice. She is chairman of the committee overseeing Commuter Connections and other Transportation Emission Reduction Measures. She also led the District's HOV lane operation and planning and co-authored the HOV Enforcement Task Force report.

Ms. Pardo has a BA in Architecture and Urban Studies and a Masters of City Planning from the University of Pennsylvania. Prior to joining VDOT she worked as a senior Transportation Engineer with the Metropolitan Washington Council of Governments

Stay safe,

Dennis Morrison
VDOT Northern Virginia District Administrator
Dennis.Morrison@VDOT.Virginia.gov
703.383.2477

What's New

Read about how the Springfield Interchange Construction has I-95 looking happier and healthier than ever.

[Download the brochure](#) (2,016 kb / [1.96MB] file in PDF format) or send an email to Joan.Morris@VDOT.Virginia.gov to receive a copy by mail.

For more information about
Fairfax and Arlington County projects
through April 2006, contact:
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Fairfax & Arlington

Projects to be Advertised for Construction Bids within the next 12 months

Note: Construction typically begins three to four months after a project is advertised.

Backlick Road Construct commuter parking lot at Franconia-Springfield Parkway.

Ad date: Dec. 2006.

Baron Cameron Ave Extend eastbound and westbound left lanes and replace signals.

Ad date: Jan. 2006.

Braddock Road Add 250-foot acceleration lane westbound at Ravensworth Road.

Ad date: Jan. 2006.

Columbia Pike Streetscape improvements from South Garfield Street to South Oakland Street.

Ad date: June 2006.

Columbia Pike Streetscape improvements from South Wakefield Street to Four Mile Run Drive. Ad date: Oct. 2006.

Duke Street Construct pedestrian bridge near Cameron Station. Ad date: Dec. 2005.

Dulles Toll Road Toll booth modifications from Route 28 to I-495. Ad date: Dec. 2005.

Elden Street Widen from four to six lanes from Worldgate Drive to Herndon Parkway. (.05 miles)

Ad date: Sept. 2005.

Fairfax County Parkway Construct four-lane highway from Rolling Road to Fullerton Road (2 miles)
Request for proposals to be determined.

Glebe Road/South Walter Reed Drive Modify signal, crosswalk and improve lighting at intersection. A Bicycle/Pedestrian Safety project. Ad date: Sept. 2005.

Hooes Road Straighten curve at Newington Forest Road. Ad date: March 2006.

I-95 Relocate existing and install new TMS facilities from Newington to Occoquan.

Ad date: Dec. 2005.

Little River Turnpike Turn lanes, signal and spot safety improvements from Pickett Road to Lake Drive.

Ad date: Aug. 2006.

Old Courthouse Road Extend eastbound right turn lane. Ad date: June 2006.

Route 29 Construct 10 ft wide trail from I-66 to Trinity Avenue. Ad date: Jan. 2006.

Spring Hill Road Widen to four lanes from Route 7 (Leesburg Pike) to International Drive.

Ad date: Oct. 2006.

Traffic Cameras Install 25 traffic cameras in Arlington County. Ad date: Sept. 2005.

Fairfax and Arlington County - Projects Under Construction

Cedar Lane Bridge Repair Bridge repair over I-66. Began Aug. 2005 and will be completed April 2006.

Lorton Road Widen from two to six lanes from Route 1 to Silverbrook Road including a new bridge over Pohick Creek (1.06 miles). Began, July, 2004. Completion, Aug. 2006.

Reston Parkway Install an additional left turn lane south of Sunrise Valley Drive. Begins spring 2006 completion, summer 2006.

Route 28 Improvements Under the Public-Private Partnership Act, The Clark Construction Group, Inc. and Shirley Contracting Company, LLC are designing and constructing six high-capacity interchanges on Route 28 in Fairfax and Loudoun counties. Completion, May 2007.

Route 50 in Arlington Rehabilitate bridge over Rt 27/Washington Blvd. Began Nov. 2005, completion July 2007.

Route 123 Widening Phase 3 Widening Route 123 to four lanes divided from North Davis Drive to Route 722 (1.9 miles). Completion, May 2006.

Springfield Interchange Phases 6 and 7, the final phases of the project are underway. The project remains on schedule. For lane closures, maps, photos and commuter options please visit springfieldinterchange.com

West Ox Road Widen from two to four lanes from Ox Trail to Lawyers Road (1.1 mile). Construction began April 20, 2004. Completion, September 2006.

Woodrow Wilson Bridge (Va. projects) For construction progress and weekly lane closures visit the project web site.

Fairfax and Arlington County - Projects Completed Since 2003

Beulah Street Widening from two to four lanes between Franconia-Springfield Parkway and Franconia Road (1.3 miles). Completed July 1, 2004.

Burke Lake Road Widen from two to four lanes from Lee Chapel Road to the Fairfax County Parkway (1.2 miles). Completed, fall 2005.

Dulles Toll Road Upgraded toll collection equipment and signage for Smart Tag lanes. Smart Tag lane at Route 28 North improved to an open toll lane. Completed, June 2005.

Dulles Toll Road/Capital Beltway Widened ramps from one to two lanes both to and from the Capital Beltway. Completed, Sept. 2005.

Dulles Toll Road at Spring Hill Road Expanded toll plaza at the westbound Spring Hill Road entrance from one lane to three. Smart Tag can be used in all three lanes. Completed Dec. 2003.

Gambrill Road Construct a 225-space park-and-ride lot. Began, May 2004. Opened May 2, 2005.

Interstate 395 Improved signage from Washington Boulevard to the District of Columbia line. Completed, fall 2005.

Interstate 495 Erect a sound wall, 2,089 feet in length, on the inner loop of the Capital Beltway just north of Old Dominion Drive at West Langley. Completed May 2004

Lorton Road Park-and-Ride Constructed a new 170-space lot located just east of I-95. Completed Oct. 2003.

Pleasant Valley Road Straighten curves north and south of Braddock Road and north of Martins Hundred Road. Completed Sept. 15, 2004.

Rolling and Fullerton Roads The intersection was realigned and turn lanes were added. Motorists can now use Fullerton Road through the Industrial Park. Completed Nov. 2003.

Route 1 Widened from Armistead Road to Telegraph Road (1.2 miles) to include six lanes divided with a trail on the east side and a sound wall. Completed, Oct. 2005.

Route 28/Air and Space Museum Parkway Partial cloverleaf to provide access to the **Smithsonian Air and Space Museum**. Interchange opened prior to the opening of the Museum in Dec. 2003.

Route 123 Widening Phase 1 Widened to four lanes divided from Burke Lake Road to Lee Chapel Road (2.4 miles). Opened summer 2003.

Route 123 Widening Phase 2 Widening to four lanes divided from Lee Chapel Road to North Davis Drive (2.5 miles). Opened to traffic April 30, 2004.

Route 233 (Reagan National Airport) Crews completed bridge deck repairs and concrete overlay. Completed in Dec. 2003.

Smithsonian National Air and Space Museum Site and support work for construction of the new Museum south of Dulles International Airport. Included completing service roads, haul roads, taxi pad, utilities and visitor and bus parking lots. Completed Sept. 2003.

Telegraph Road Slope Repair Constructed three retaining walls to stabilize slope. Completed Dec. 2004.

Van Dorn Street Safety Improvements New sidewalks, curb and gutter, roadway lighting, business entrances and a raised, landscaped concrete median were added. Completed July 2003.

West Ox Road Utility relocation only from Penderbrook Drive to Ox Trail. This is in preparation for widening to four lanes.

For more information about
Loudoun County
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Loudoun

Projects to be Advertised for Construction Bids within the next 12 months

Note: Construction typically begins three to four months after a project is advertised.

John Wolford Road (Route 694) Upgrade from gravel to paved road from 0.81 mile west of Route 287 to 0.39 mile west of Route 287 (.42 mile). Ad date: March 2005.

Loudoun County - Projects Under Construction

Route 28 Improvements Under the Public-Private Partnership Act, The Clark Construction Group, Inc. and Shirley Contracting Company, LLC are designing and constructing six high-capacity interchanges on Route 28 in Fairfax and Loudoun counties. Completion, May 2007.

Loudoun County - Projects Completed Since 2003

Belmont Ridge Road Extend right turn lane at Route 7. Began May 2004; Opened Aug. 2004.

Claude Moore Park (Route 1006) Improve existing north entrance by adding southbound left and northbound right turn lanes at the intersection with Route 637 opposite Maries Road. Completed Sept. 30, 2005.

Featherbed Road Rehabilitation and deck replacement on truss span bridge located between Loyalty Road and Milltown Road.

Lime Kiln Road Upgraded from gravel to asphalt and realigned roadway to improve sight distance (2.1 miles). Completed summer 2003.

Loudoun Orchard Road (Route 662) Upgrade dirt road to a paved road from intersection of Mt. Gilead Road (Route 797) to 0.38 miles south of Route 729 (1.3 miles). This is a pilot project under VDOT's new Rural Rustic Road Program.

Maryland Avenue (Route 708) Upgrade from gravel to paved road from Route 709 to Route 1102 (.22 miles) using Rural Rustic Road design standards. Completed, May 18, 2005.

Milton Court (Route 836) Improve ditch drainage from Route 817 to end of State maintenance (.11 mile) Began Oct. 2004. Completed Jan. 2005.

Mount Gilead Road (Route 797) Upgrade from gravel to paved road from 0.8 mile south of Route 662 (Loudoun Orchard Road) to Route 662 (.80 mile) using Rural Rustic Road design standards. Began Aug. and completed Sept. 15, 2005.

Old Ox Road (Route 606) Widened from two to four lanes between Route 50 and Evergreen Mills Road/Route 621 (.81 miles) and improved drainage. A traffic signal was installed at Route 621. Completed Nov. 2003.

Potomac View Road (Route 637) Improve 1200 feet of roadway to provide 12-foot lanes and construct right and left turn lanes at the entrance to First Baptist Church. Completed fall 2004.

Red Bud Lane (Route 1505) Upgraded from a dirt road to a paved road from Route 1504 to one mile south of Route 1504. Completed fall 2003.

Rodgers Street (Route 1103) Upgrade from gravel to paved road from Route 7 to Route 1105 (.13 mile) using Rural Rustic Road design standards. Completed, May 18, 2005.

Route 15 Safety improvements between Balls Bluff Road and White's Ferry Road (1.7miles). Completed May 2003.

Route 28/Route 606 Interchange Opened to traffic Oct. 2004

Route 28/Route 625 Interchange Opened to traffic Dec. 2004

Shelburne Glebe Road (Route 729) Replace temporary bridge with permanent bridge over North Fork Goose Creek located .66 miles north of North Fork Road (Route 728). Bridge reopened Aug. 1, 2004.

Stumptown Road (Route 662) Install drainage pipe across Route 662, just west of Route 15. Begins, March 2005. Completed April 19, 2005.

Ticonderoga Road (Route 613) Improve and realign intersection at Route 659. Re-advertised in May 2004. Completed Oct. 2004.

West Virginia Avenue (Route 1105) Upgrade from gravel to paved road from Route 1102 to Route 1103 (.11 mile) using Rural Rustic Road design standards. Completed, May 18, 2005.

For more information about
Prince William County
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703-366-1931

Prince William

Projects to be Advertised for Construction Bids within the next 12 months

Note: Construction typically begins three to four months after a project is advertised.

Lomond Drive Add left turn lane westbound to 234 southbound. Ad date: March 2006

Route 28 (Nokesville Road) Bridge replacement over Broad Run. Utility relocation is underway. Ad date: Nov. 2005

Sudley Manor Drive Reconstruct right turn lane at Route 234. Ad date: Feb. 2006

Prince William County - Projects Under Construction

Dale Boulevard Extend two turn lanes at Forestdale Court. Construction began Sept. 16, 2005 and was completed Nov. 2005.

Linton Hall Road (Route 619) Widen to six lanes from Route 29 to Glenkirk Road and widen to four lanes from Glenkirk Road to Devlin Road. Begins, May 2005. Completion Sept. 2007.

I-66 Widening Add one regular lane and one HOV lane in each direction from Route 234 Business to the Route 234 Bypass (3 miles). Completion Oct. 2006.

Neabsco Road Emergency slope repairs began Sept. 2005, and will be completed Sept. 2006.

Prince William Parkway Close crossover at Malta Street and extend dual left turn lanes. Completion, Dec. 2005

Route 123 Bridge Over Occoquan River Replace existing two-lane bridge with a new six-lane bridge and widen approaches. Completion, fall 2006.

Route 234 (Dumfries Road) Widen from two to four lanes between Snowfall Road and Eclipse Drive (3.2 miles). Construction began March 2004 and will be completed July 2006.

Route 234 (Dumfries Road) Widen from two to four lanes between Eclipse Drive and Country Club Drive (3.3 miles). Began Feb. 2005 and will be completed summer 2007.

University Boulevard Construct 1.3 mile, four-lane connector linking Wellington Road and Route 29. Construction began Dec. 2004 and will be completed Sept. 2006.

Prince William County - Projects Completed Since 2003

Ingram Drive Paved gravel road from 75 feet north of Chestnut Creek to Logmill Road (.77 miles). Completed late 2003.

Richmond Avenue Widening from Dumfries Road to Nagel Street (.75 miles). One lane will be added in each direction along with a sidewalk on the south side and a paved bike trail on the north side. Completed April 2005.

Route 29/Route 234 Safety Improvements Safety Improvements in the Manassas National Battlefield Park included adding left-turn lanes to each leg of the intersection, improving sight distance on Route 234, installing a pedestrian bridge, a crosswalk, traffic signals and re-timing traffic signals.

Route 234 Bypass Constructed sound wall adjacent to the Great Oaks Subdivision. Completed fall 2003.

Smoketown Road Constructed northbound left turn lane at Old Bridge Road. Construction began March 1, 2004, four months ahead of schedule. completed spring 2004..

Veteran's Memorial Park Constructed a pedestrian bridge over the CSX Railroad from Veterans Memorial Park to Partridge Road. Completed Oct. 2003.

Major Transportation Studies

Tri-County Parkway Location Study

On April 1, 2005 VDOT released a draft EIS on the proposed north-south highway that would traverse Loudoun, Fairfax and Prince William counties. The DEIS evaluates three highway alignments and a no-build option. The approximate 10.5 mile parkway would begin at Rt. 50 in Loudoun County and extend south to I-66, or further south to Route. 234/29 in Prince William County. Public Hearings were held May 9, 10, 11, 2005. On Nov. 17, 2005, the CTB approved the "West Two" Alternative which would begin at Route 50 in Loudoun county and end at the 66/234 interchange.

Capital Beltway Study

June 2004 meetings

In March 2002, the FHWA approved the Draft EIS for improvements to the 14-mile section between the Springfield Interchange and the American Legion Bridge. More than 1,000 citizens attended the public hearings held on May 28, 29 and 30, 2002. Currently, VDOT is evaluating modifications that would reduce the size of the facility and the concept of implementing HOT lanes (high occupancy toll lanes) on the Beltway. Results of these additional evaluations were presented at public workshops June 29 and 30, 2004. On January 19, 2005, the CTB selected the 12-lane HOV-HOT Candidate Build Alternative as the preferred alternative. The FEIS is being completed to reflect this, anticipating submittal to the FHWA in early 2006.

I-66 Multimodal Transportation and Environmental Study

Summer 2003 Newsletter

VDOT and the DRPT are identifying possible highway, rail and bus improvements along the 24-mile corridor from the Capital Beltway to Route 15 at Haymarket. In order to assess the impact on the EIS of the current state transportation revenue situation, the need to consider congestion pricing as an alternative, and the need to consider the current pavement situation Secretary Clement has asked VDOT and VDRPT to delay any further work on the EIS until those factors can be more fully evaluated.

Northern Virginia Bikeway and Trail Network Study

November 2003 Report

In October 2003, VDOT held meetings in Reston, Arlington and Manassas on an interconnected and seamless network of bikeways across Northern Virginia. The report, serves as a planning tool to complete the network.

Route 1 Location Study

February 2003 Newsletter

VDOT has developed concepts for improving the 27-mile corridor from the Stafford County line to the Capital Beltway. Due to the length of the corridor the study is divided into three sections. Three location hearings were held in spring 2003. The Fairfax County Board of Supervisors endorsed the at-grade intersection configuration recommended by the Kings Crossing Focus Group for Rt. 1 at North and South Kings Highways. Fairfax County officials have requested a transit study from Ft. Belvoir to Huntington Avenue. Alternative "B" was approved by the CTB on April 15, 2004. Alternative "A" was approved by the CTB on July 15, 2004.

Route 50 Traffic Calming Project

VDOT and the Route 50 Traffic Calming Task Force are developing construction plans that will implement concepts to calm traffic, enhance the scenic beauty and historic nature of the area and provide for enhanced pedestrian safety and accessibility along the corridor. Traffic Calming in Upperville will begin in 2006, and in Aldie. The construction of the roundabouts at Gilberts Corner will also begin in 2007. Funding is still accruing for the remaining traffic calming segments, including Middleburg and the area west of the town.

Non-VDOT Studies

Dulles Corridor Metrorail Project

In August 2003, the DRPT submitted a formal request to the FTA to begin preliminary engineering on Phase I of the Metrorail extension to Dulles Airport. FTA approved DRPT's request to begin preliminary engineering on Phase 1 of the Metrorail extension from East Falls Church Metro Station to Wiehle Avenue in June 2004 and awarded a \$59 million grant to begin preliminary engineering. Preliminary engineering for this phase of the project is scheduled for completion in December 2005. The Project's Final EIS was approved by DRPT and WMATA in September 2004 and has been submitted to FTA for approval. FTA published the project's Final EIS in December 2004 and issued a Record of Decision for the entire project on March 2, 2005, completing the federal review process. On February 17, 2005, the CTB approved a toll increase on the Dulles Toll Road, effective May 2005, to fund a portion of Virginia's share of the project's capital costs. The approved FY 2005 federal transportation bill included an additional \$25 million for the project, totaling \$188.5 million in Federal New Starts funding. Another \$83 million in non-Federal funding for the project has been appropriated through FY 2005. DRPT submitted its annual New Starts program to FTA on August 15, 2005. The update includes a revised capital cost estimate of \$1.8 billion for the first phase of the project. An environmental evaluation of the revisions will be scheduled soon. A public info meeting was held in December 2005 on recent changes in the project to reduce the project cost.

Capital Beltway Rail Feasibility Study

Study completed in April 2001 by the Virginia DRPT.

Manassas National Battlefield Park Bypass Study

The Federal Highway Administration and National Park Service are developing and evaluating alternatives to allow for closing portions of Route 29 and 234 in the Park. The Draft Environmental Impact Statement was published on January 28, 2005 and is available for public review on the website. The FHWA chose Candidate Build Alternative "D" as the preferred Alternative. A public meeting was attended by nearly 175 citizens on May 5 at Battlefield High School. Comments will be accepted through June 6, 2005.

Alphabet Soup

CTB	Commonwealth Transportation Board
DRPT	Department of Rail and Public Transit
EIS	Environmental Impact Statement
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
LPA	Locally Preferred Alternative
WMATA	Washington Metropolitan Area Transit Authority